



09.0803

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 10/603,415 Confirmation No.: Unknown  
First Named Inventor: Barton, Roger W. Filing Date: 24 June 2003  
Group Art Unit: Unknown Examiner: Unknown  
Atty. Docket No.: CT-S090-1D US Candescant Docket No.: CT-S090-1D  
Title: Structure and Fabrication of Flat-Panel Display Having Spacer with  
Rough Face for Inhibiting Secondary Electron Escape  
Assignees: Candescant Technologies Corporation,  
Candescant Intellectual Property Services, Inc., and  
Advanced Technology Materials, Inc.

**COMMISSIONER FOR PATENTS**  
**PO Box 1450**  
**Alexandria, Virginia 22313-1450**

**POWER OF ATTORNEY BY ASSIGNEES OF ENTIRE INTEREST**

Sir:

The above-identified assignees, Candescant Technologies Corporation ("CTC"), a California corporation, Candescant Intellectual Property Services, Inc. ("CIPS"), a Delaware corporation, and Advanced Technology Materials, Inc., a Delaware corporation, hereby revoke all powers of attorney previously given and appoint the attorney(s) and/or agent(s) identified below to prosecute the above-identified patent application and to transact all business in the United States Patent and Trademark Office ("USPTO") in connection therewith:

Duke K. Amaniampong, Reg. No. 45,806  
Ronald J. Meetin, Reg. No. 29,089  
John P. Wagner, Reg. No. 35,398

Please direct all correspondence dealing with this application to:

Wagner Murabito & Hao LLP  
Two North Market Street, Third Floor  
San Jose, CA 95113

Please direct all telephone calls to: 408-938-9060

Please direct all facsimiles to: 408-938-9069

Ronald J. Meetin  
Attorney at Law  
210 Central Avenue  
Mountain View, CA  
94043-4869  
Tel.: 650-964-9767

**ASSIGNEE CERTIFICATION UNDER 37 CFR 3.73(b)**

The undersigned representatives of the above-identified assignees certify that the above-identified assignees are the assignees of the entire right, title, and interest in the above-identified application by virtue of:

a. An assignment (potentially executed in counterpart) from inventor(s) Roger W. Barton, Kollengode S. Narayanan, Bob L. Mackey, John M. Macaulay, George B. Hopple, Donald R. Schropp, Jr., Michael J. Nystrom, Sudhakar Gopalakrishnan, and Shiyong Pei to CTC on 15 March 1999, 14 April 1999, and 13 May 1999 for U.S. patent application 09/210,085 whose priority is claimed in the above-identified application, the assignment having been recorded in the USPTO at Reel 09960, Frame 0298;

b. The Intellectual Property Assignment Agreement effective 5 December 2000 by which CIPS became an undivided joint owner with CTC of all then-existing and future U.S. patent applications, including the above-identified application, assigned wholly or in part to CTC, the Intellectual Property Assignment Agreement having been recorded multiple times at the USPTO, including at Reel 11848, Frame 0040; and

c. An assignment (potentially executed in counterpart) from inventor Xueping Xu to Advanced Technology Materials, Inc., on 11 March 1999 for U.S. patent application 09/210,085 whose priority is claimed in the above-identified application, the assignment having been recorded in the USPTO at Reel 09960, Frame 0298.

The undersigned persons (whose titles are supplied below for the above-identified assignees) are empowered to sign this certification/power of attorney on behalf of the above-identified assignees.

Assignee: Candescant Technologies Corporation

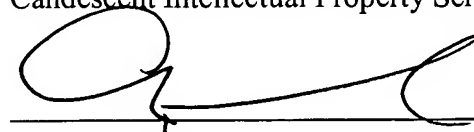
Signature: 

Date: 8/28/03

Name: Duke K. Amaniampong

Title: President and CEO

Assignee: Candescant Intellectual Property Services, Inc.

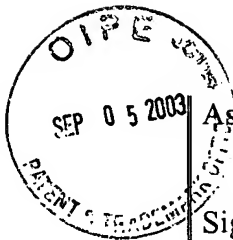
Signature: 

Date: 8/28/03

Name: Duke K. Amaniampong

Title: President and CEO

Ronald J. Meetin  
Attorney at Law  
210 Central Avenue  
Mountain View, CA  
94043-4869  
Tel.: 650-964-9767



Assignee: Advanced Technology Materials, Inc.

Signature: \_\_\_\_\_

*[Handwritten Signature]*

Date: \_\_\_\_\_

*8/5/03*

Name: \_\_\_\_\_

*DOUGLAS NEUGOLD*

Title: \_\_\_\_\_

*PRESIDENT, COO*

EXPRESS MAIL LABEL NO:

*EV 337 115 588* US

Ronald J. Meetin  
Attorney at Law  
210 Central Avenue  
Mountain View, CA  
94043-4869  
Tel.: 650-964-9767